

Besides frequent notes on sage-brush, yellow pine, and other common plants which every traveler would notice, there is some more technical, and apparently quite trustworthy, botanical information, with scientific names mentioned, such as an annotated list of the characteristic trees of the Sierra Nevada, and a sketch of the tree zones on Mount Shasta. Every botanist who is interested in the West as much as \$4 worth, or contemplates traveling on either of the routes named in the near future, would do well to provide himself with a set of these bulletins. (Single parts have been reviewed in more detail by geologists and geographers in *Science* for Aug. 13, 1915, the *Bulletin of the American Geographical Society* for September, and its successor the *Geographical Review* for February, April and May, 1916.)

ROLAND M. HARPER

PROCEEDINGS OF THE CLUB

MAY 9, 1916

The meeting was held at the American Museum of Natural History, at 8:15 P.M., President Harper presiding. There were twenty persons present.

The lecture of the evening was given by Dr. Clifford H. Farr on "Jamaica and its Plants." The lecture was illustrated with slides.

Adjournment followed.

B. O. DODGE,
Secretary

MAY 31, 1916

The meeting was held in the Morphological Laboratory of the New York Botanical Garden at 3:30 P.M., with President Harper in the chair. The meeting was attended by twenty-five persons.

The minutes of the meetings held April 26 and May 9 were read and approved.

Miss Margaret Harrigan, 401 Clinton St., Brooklyn, N. Y., and Miss Abigail O'Brien, 2787 Boulevard, Jersey City, N. J., were nominated for membership. The resignation of Miss May A. Parker was accepted. Miss Harrigan and Miss O'Brien were elected to membership.

The first number on the announced scientific program was a paper by Dr. J. K. Small on "Exploration of Cape Sable, Florida." The speaker gave a brief description of the locality explored and exhibited a large number of photographs of the vegetation of this region.

The second paper was presented by Dr. E. W. Olive on "Porto Rican Rusts." The speaker's abstract follows:

"Professor Arthur's recent list of the 'Uredinales of Porto Rico' (*Mycologia*, 7: 168, 227, 315; 8: 16) based largely on the collections of F. L. Stevens in 1912-14, and again during the summer of 1915, enumerates a total of 135 from the Island, of which Dr. Stevens collected 122. During a recent collection trip to Porto Rico, lasting from Feb. 23 to April 26, 1916, Professor Whetzel of Cornell and Dr. Olive of the Brooklyn Botanic Garden collected again the majority of the forms found by Stevens, together with a number of species new to Arthur's list as well as some new to science. Among the latter certain *Endophyllum*-like rusts, six or perhaps seven in number, are of special interest. Besides an abundance of dried specimens, considerable fixed material, particularly representatives of the short-cycled rusts, was brought back for microscopic study.

"Attention was called in particular to the relative abundance of the uredo forms; to the strictly localized distribution of certain rusts; to the apparent absence of serious rust epidemics; and to the comparative scarcity of rust fungi in the primeval forests of Porto Rico."

Dr. W. A. Murrill followed with a paper on "A New Poisonous Mushroom." This new species of *Panaeolus* is described in the May number of *Mycologia*. The speaker exhibited dried specimens of this fungus and of related forms and water color illustrations of fresh specimens of the poisonous species.

Adjournment followed.

B. O. DODGE,
Secretary